INTERNA	ΙΔΝΟΙΤΑ	SFARCH	REPORT

International application No.

			PC1/US04/32090					
A. CLASSIFICATION OF SUBJECT MATTER								
IPC(7) : G01B 9/02								
US CL	: 356/480							
According to International Patent Classification (IPC) or to both national classification and IPC								
B. FIELDS SEARCHED								
Minimum doc	Minimum documentation searched (classification system followed by classification symbols)							
	56/480, 35.5, 519; 372/32	•						
	, ,							
		 -						
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched								
NONE								
	ta base consulted during the international search (name	of data base and, wh	iere practicable, sear	ch terms used)				
NONE								
C. DOC	UMENTS CONSIDERED TO BE RELEVANT	·						
Category *	Citation of document, with indication, where ap	propriate, of the rele	vant passages	Relevant to claim No.				
X	US 5,301,001 (MURPHY et al) 05 April 1994 (05.04		1-32					
^	passages.	7.1754), 11g. 2 and 0	orresponding ,	1 22				
x	US 5,907,403 (ANDREWS et al) 25 May 1999 (25.0	15 1999) Figs 2a 2h	and	1-32				
^	corresponding passages	, <u>-</u>		1 22				
x	US 6,069,686 (WANG et al) 30 May 2000 (30.05.20	1000 Figs 2 4 5 and	corresponding	1-32				
^	US 6,069,086 (WANG et al) 30 May 2000 (30.03.2000) Figs. 2, 4, 3 and corresponding							
х	US 6,567,173 B1 (JOHANNESEN) 20 May 2003 (20	0.05.2003) Figs. 1-5	and corresponding	1-32				
, "	passages							
A	US 6,141,087 (VIEL) 31 October 2000 (31.10.2000)	•		1-32				
"	00 0,1 11,001 (1 1112) 01 0010001 2000 (0111012003)							
				1				
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				f				
				<u></u>				
Further	r documents are listed in the continuation of Box C.		t family annex.					
• 5	Special categories of cited documents:			ernational filing date or priority				
"A" documen	at defining the general state of the art which is not considered to be		t in conflict with the appli theory underlying the inv	cation but cited to understand the ention				
	ular relevance							
"E" earlier ar				claimed invention cannot be ered to involve an inventive step				
E earlier a	pplication or patent published on or after the international filing date		ocument is taken alone	ered to involve an inventive step				
	nt which may throw doubts on priority claim(s) or which is cited to							
establish the publication date of another citation or other special reason (as				claimed invention cannot be				
specified	y	considered to involve an inventive step combined with one or more other such						
"O" documen	nt referring to an oral disclosure, use, exhibition or other means	being obvio	ous to a person skilled in th	ne art				
"P" documen	nt published prior to the international filing date but later than the	"&" document r	nember of the same patent	family				
	date claimed			··· •• •				
Date of the actual completion of the international search Date of mailing of the international search report								
	•							
10 March 2005 (10.03.2005)		U3 JUN						
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Form PCT/ISA/210 (second sheet) (January 2004)